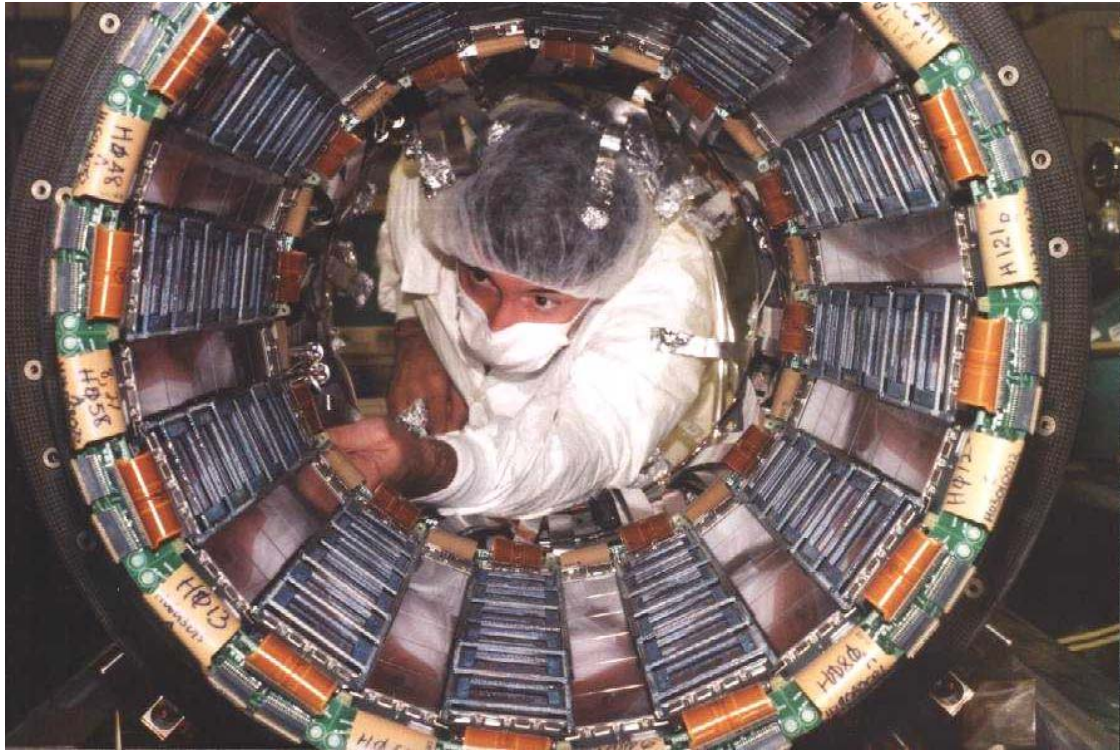


CDF Operations Report



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All Experimenter's Meeting
January 23, 2006

System News

No data taking after the Tevatron quench on Saturday, January 14.
CDF is in supervised access since January 17.

- Silicon Vertex Detector (SVX)
 - Detailed post-quench test was performed
 - 6 ladders were found with new problems and 9 ladders – with old problems developed. Most of these problems are fixed already
 - SVX bias scan w/o beam today
- Run IIb Stereo track trigger upgrade
 - Check of the TDC mezzanine cards (XTC2), Stereo Finders and Optical Fibers is in progress
 - Test of the firmware for the Stereo Linker Association Modules (SLAM)
 - Tune the axial/stereo TDC timing, check in progress with cosmic ray tracks
- Trigger
 - New unified trigger table allows to work with more triggers at higher luminosities
 - Good up to $200 \text{E}30 \text{ cm}^{-2}\text{sec}^{-1}$
 - CDF is ready for the low luminosity runs

System News/Access Report

- Level 3 Processor Farm
 - Racks with VME crates are installed, more processors are ready to be included in Level 3 PC farm
- Muon detectors
 - Oscillating chambers were found in the West sectors of the Barrel Muon Upgrade (BMU) chambers
 - Few dead channels are to be fixed on top of the Central Muon Upgrade (CMP) chambers
- Silicon Detectors
 - Several access work performed to fix various low level problems
- Stereo Track Trigger Upgrade
 - Work listed above in the system news (previous page)
- Regular maintenance work
 - Done for many detector subsystems (central outer tracker, calorimeters, time-of-flight system, radiation monitoring system, etc.)

CDF operation plan is to finish supervised access work by tomorrow morning, January 24, 2006

CDF Store Summary (January 9 – 16, 2006)

Store	Start Date	Time [hrs]	Uptime [hrs]	Ini.lumin [E30]	Tot. Del. Lumin. [pb ⁻¹]	Live Lumin. [pb ⁻¹]	Comments
4586 Normal	01/09 Mon	27.3	23.0	170.1	5.6	4.2 75.0%	CLC HV, high beam losses, L2 trigger
4587 Normal	01/10 Tue	29.4	26.8	160.9	4.7	3.9 81.8%	Forward Detector, Unified trigger table
4589 Normal	01/11 Wed-Fri	28.8	25.9	120.8	5.0	3.9 78.0%	TEL trips, XFT crate pow. supply, Plug HV
4590 Normal	01/13 Fri	12.0	11.4	171.9	3.8	3.4 87.3%	COT, A49 separator trip, unified trigger
Total	01/09-16	97.5	87.1 90%		19.1	15.4 81%	

Run II Integrated Luminosity

